REC'D 0 7 NOV 2005 PATENT COOPERATION TREATY INTERNATIONAL SEARCHING AUTHORITY POT RAMESH VISHWANATH #48 SRT, 1ST FLOOR, PRAKASH NAGAR, BEGUMPET HYDERABAD, INDIA 500 016 WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing (day/month/year) FOR FURTHER ACTION Applicant's or agent's file reference See paragraph 2 below **JKVC** Priority date (day/month/year) International filing date (day/month/year) International application No. 27 January 2004 (27.01.2004) 27 January 2005 (27.01.2005) PCT/IN05/00031 International Patent Classification (IPC) or both national classification and IPC IPC(7): A01H 005/00; A01H 005/10; C12N 015/52; C12N 015/56; C12N 015/82 and US C1.: 800/284; 435/430; 435/419; 435/204; 800/278; 800/320; 800/320.3 Applicant JK AGRI GENETICS LIMITED 1. This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. III Lack of unity of invention Box No. IV Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Certain documents cited Box No. VI Certain defects in the international application Box No. VII Certain observations on the international application Box No. VIII 2. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. 3. For further details, see notes to Form PCT/ISA/220. Authorized officer Name and mailing address of the ISA/US Date of completion of this opinion Mail Stop PCT, Attn: ISA/US 30 September 2005 (30.09.2005)

Telephone No. (703) 308-1235

Facsimile No. (703) 305-3230
Form PCT/ISA/237 (cover sheet) (April 2005)

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

International application No.
PCT/IN05/00031

Box N	o. I Basis of this opinion		<del></del>		
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1. With	regard to the language, this opinion has been establish	ed on the basis of:			
$\boxtimes$	the international application in the language in	which it was filed	i		
	a translation of the international application intointernational search (Rules 12.3(a) and 23.1(b)).	which is the lan	iguage of a transla	tion furnished for	the purposes of
2. With inven	regard to any nucleotide and/or amino acid sequenc tion, this opinion has been established on the basis of:	e disclosed in the i	nternational applic	cation and necessa	ry to the claimed
a.	type of material				
	a sequence listing				
•	table(s) related to the sequence listing				
b.	format of material	•	•		
-	on paper				
	in electronic form	£			
c.	time of filing/furnishing			•	
	contained in the international application as fi	led.			
	filed together with the international application	n in electronic forn	ı.		·
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	furnished subsequently to this Authority for the	e purposes of searc			•
3.	In addition, in the case that more than one version or or furnished, the required statements that the inform				
	application as filed or does not go beyond the applica	ation as filed, as ap	propriate, were fur	nished.	
4. Addit	ional comments:				
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Form PCT/ISA/237(Box No. I) (April 2005)

Form PCT/ISA/237 (Box No. V) (April 2005)

International application No. PCT/IN05/00031

Claims   NONE	Statement.		•		-	
Claims NONE  Industrial applicability (IA)  Claims 1-8  VI  Claims NONE  VI  Claims NONE  Citations and explanations:  laims 1-8 meet novelty under PCT Article 33(2).  laims 1-8 meet an inventive step under PCT Article 33(3).  laims 1-8 meet the criteria set out in PCT Article 33(4), and thus meet industrial applicability because the subject matter claimed or made or used in industry.	Novelty (N)	Claims	1-8			YE
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Claims NONE NO  Citations and explanations: aims 1-8 meet novelty under PCT Article 33(2). aims 1-8 meet an inventive step under PCT Article 33(3). aims 1-8 meet the criteria set out in PCT Article 33(4), and thus meet industrial applicability because the subject matter claimed or made or used in industry.	inventive step (13)	•				NC
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From the NTERNAT	IONAL SEARCH	ING AUTHORITY					PCT
To:			•	PC	<b>VIII</b> O		
RAMESH VISHWANATH #48 SRT, 1ST FLOOR, PRAKASH NAGAR, BEGUMPET					_		
HYDERA	BAD, INDIA 500	0 016				NION OF TH	
				INTERNATIO	NAL SEAL	RCHING AU	THORITY
			·		(PCT Rul	e 43 <i>bis</i> .1)	
				Date of mailing (day/month/year)		03 NO	V 2005
Applicant'	s or agent's file re	ference		FOR FURTHER	ACTION See paragraph	2 helow	
JKVC							·
	nal application No.	. Interna	tional filing date	(day/month/year)	Priority date	(day/month/year	")
PCT/IN05	/00031	27 Jan	ary 2005 (27.01	2005)	27 January 2	004 (27.01.2004	•)
		cation (IPC) or both n				40.54400 40.544	10 425/004
IPC(7): A	01H 005/00; A01H 300/320; 800/320.3	H 005/10; C12N 015/5 3	52; C12N 015/56	C12N 015/82 and US	Cl.: 800/284	435/430; 435/4	19; 433/204;
Applicant					•		
JK AGRI	GENETICS LIMI	TED					
1. This	opinion contains in	ndications relating to	he following iter	ns:			
	Box No. I	Basis of the opinion	ı			•	
	Box No. II	Priority					
	Box No. III	Non-establishment	of opinion with r	egard to novelty, inven	tive step and	industrial applica	ability
	Box No. IV	Lack of unity of inv	ention	-			
	Box No. V	Reasoned statement	under Rule 43 <i>bi</i> ons and explanations	s.1(a)(i) with regard to ons supporting such st	novelty, inve	ntive step or ind	ustrial
	Box No. VI	Certain documents					
	Box No. VII	Certain defects in the	ne international a	pplication		`	
	Box No. VIII	Certain observation	s on the internati	onal application			
्र स्वराध	THER ACTIO	N					
If a	demand for intern	ational preliminary e ary Examining Auth	onity ("IPEA") ( A and the choser	ade, this opinion will except that this does a IPEA has notified the will not be so consider	not apply w le Internation	исте ите впопт	alle chiococo un
IPBA of Fo	A a written reply to from PCT/ISA/220	ogether, where appro- or before the expirati	priate, with amen on of 22 months:	itten opinion of the II dments, before the ex from the priority date,	piration of 3	monus mont me	to submit to the date of mailing
For	further options, see	Form PCT/ISA/220.	•			•	
3. For 1	further details, see	notes to Form PCT/I	SA/220.		•		
None	d mailing address	of the ISA/IIS	Date of comp	letion of this opinion	Authorized	officer	
LAUTHE BI	d mailing address Mail Stop PCT, Att Commissioner for P	n: ISA/US	l .	2005 (30.09.2005)	Sabiha Qaz	i ( 032	

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International application No.
PCT/IN05/00031

Box N	o. I Basis of this opinion
K-78	regard to the language, this opinion has been established on the basis of:
$\boxtimes$	the international application in the language in which it was filed
	a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed tion, this opinion has been established on the basis of:
a.	type of material
	a sequence listing
	table(s) related to the sequence listing
b.	format of material
	on paper
	in electronic form
c.	time of filing/furnishing
	contained in the international application as filed.
	filed together with the international application in electronic form.
	furnished subsequently to this Authority for the purposes of search.
3. 🗌	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Addit	ional comments:
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Form PCT/ISA/237 (Box No. V) (April 2005)

International application No. PCT/IN05/00031

Claims   NONE	Statement							
Claims NONE  Industrial applicability (IA)  Claims 1-8  Claims NONE  Claims NONE  Claims NONE  Citations and explanations: aims 1-8 meet novelty under PCT Article 33(2). aims 1-8 meet an inventive step under PCT Article 33(3). aims 1-8 meet the criteria set out in PCT Article 33(4), and thus meet industrial applicability because the subject matter claimed of made or used in industry.	Novelty (N)		Claims 1-	.8				YI
Industrial applicability (IA)  Claims 1-8 Claims NONE  Citations and explanations:  aims 1-8 meet novelty under PCT Article 33(2).  aims 1-8 meet an inventive step under PCT Article 33(3).  aims 1-8 meet the criteria set out in PCT Article 33(4), and thus meet industrial applicability because the subject matter claimed of made or used in industry.	,		Claims N	ONE				N
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